TITLE: Methods of treating acne and rosacea with galvanic generated electricity

INVENTOR(S): Sun, Ying, Belle Mead, NJ, UNITED STATES
Wu, Jeffrey, Warrington, PA, UNITED STATES
Liu, Jue-Chen, Belle Mead, NJ, UNITED STATES
Chantalat, Jeannette, Princeton, NJ, UNITED STATES
Omer, Aliya, Princeton, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005010161	A1	20050113
APPLICATION INFO.:	US 2004-874917	A1	20040623 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-685282, filed on 14 Oct 2003, PENDING Continuation-in-part of Ser. No. US 2003-609727, filed on 30 Jun 2003, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 2038

AB The present invention features a method of treating acne or rosacea on the skin by applying electricity to skin in need of such treatment wherein said electricity is generated by a first conductive electrode in electric communication with a second conductive electrode, wherein both the first conductive electrode and the second conductive electrode are in ionic communication with the skin, wherein the difference of the standard potentials of the first conductive electrode and the second conductive electrode is at least 0.2 V and wherein the electrons that pass between the first conductive electrode and the second conductive electrode are generated as a result of such difference of the standard potentials.

L4 ANSWER 7 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2005:5443 USPATFULL
TITLE: Methods of treating a wound with galvanic generated electricity

INVENTOR(S): Sun, Ying, Belle Mead, NJ, UNITED STATES
Wu, Jeffrey, Warrington, PA, UNITED STATES
Liu, Jue-Chen, Belle Mead, NJ, UNITED STATES
Omer, Aliya, Princeton, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005004550	A1	20050106
APPLICATION INFO.:	US 2004-874860	A1	20040623 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-685282, filed on 14 Oct 2003, PENDING Continuation-in-part of Ser. No. US 2003-609727, filed on 30 Jun 2003, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 2072

AB The present invention features a method of treating a wound by applying electricity to a barrier membrane in need of such treatment wherein said electricity is generated by a first conductive electrode in electric

communication with a second conductive electrode, wherein both the first conductive electrode and the second conductive electrode are in ionic communication with the barrier membrane, wherein the difference of the standard potentials of the first conductive electrode and the second conductive electrode is at least 0.2 V and wherein the electrons that pass between the first conductive electrode and the second conductive electrode are generated as a result of such difference of the standard potentials.

L4 ANSWER 8 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2005:5402 USPATFULL
TITLE: Methods of administering an active agent to a human barrier membrane with galvanic generated electricity
INVENTOR(S): Sun, Ying, Belle Mead, NJ, UNITED STATES
Wu, Jeffrey, Warrington, PA, UNITED STATES
Liu, Jue-Chen, Belle Mead, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005004509	A1	20050106
APPLICATION INFO.:	US 2004-874916	A1	20040623 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-685282, filed on 14 Oct 2003, PENDING Continuation-in-part of Ser. No. US 2003-609727, filed on 30 Jun 2003, PENDING
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 2029
AB The present invention features a method of administering an active agent to a human barrier membrane by applying to the membrane a device including a housing having the barrier membrane contacting surface, a first conductive electrode, a second conductive electrode, and a carrier containing the active agent; wherein the first conductive electrode is in electric communication with the second conductive electrode, wherein the first conductive electrode and the second conductive electrode are in ionic communication with the carrier, and wherein the carrier is in communication with the barrier membrane through the barrier membrane contacting surface, wherein the difference of the standard potentials of the first conductive electrode and the second conductive electrode is at least 0.2 V and wherein the electrons that pass between the first conductive electrode and the second conductive electrode are generated as a result of such difference of the standard potentials.

L4 ANSWER 9 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2005:5401 USPATFULL
TITLE: Methods of reducing the appearance of pigmentation with galvanic generated electricity
INVENTOR(S): Sun, Ying, Belle Mead, NJ, UNITED STATES
Wu, Jeffrey, Warrington, PA, UNITED STATES
Liu, Jue-Chen, Belle Mead, NJ, UNITED STATES
Chantalat, Jeannette, Princeton, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005004508	A1	20050106
APPLICATION INFO.:	US 2004-874862	A1	20040623 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-685282, filed

on 14 Oct 2003, PENDING Continuation-in-part of Ser. No. US 2003-609727, filed on 30 Jun 2003, PENDING
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 2033

AB The present invention features a method of reducing the appearance of pigmentation on the skin by applying electricity to skin in need of such treatment wherein said electricity is generated by a first conductive electrode in electric communication with a second conductive electrode, wherein both the first conductive electrode and the second conductive electrode are in ionic communication with the skin, wherein the difference of the standard potentials of the first conductive electrode and the second conductive electrode is at least 0.2 V and wherein the electrons that pass between the first conductive electrode and the second conductive electrode are generated as a result of such difference of the standard potentials.

L4 ANSWER 10 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2004:306986 USPATFULL
TITLE: Liver related disease compositions and methods
INVENTOR(S): Patil, Nila, Woodside, CA, UNITED STATES
Cox, David R., Belmont, CA, UNITED STATES
Hacker, Coleen R., San Carlos, CA, UNITED STATES
Hinds, David, Mountain View, CA, UNITED STATES
Kershenobich, David, Mexico, MEXICO
Shen, Naiping, Saratoga, CA, UNITED STATES
PATENT ASSIGNEE(S): Perlegen Sciences, Inc., Mountain View, CA (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004241657	A1	20041202	
APPLICATION INFO.:	US 2003-447685	A1	20030528	(10)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD, PALO ALTO, CA, 943041050
NUMBER OF CLAIMS: 86
EXEMPLARY CLAIM: 1
LINE COUNT: 3934
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Composition and methods for use in the therapeutic and preventative treatment, study, diagnosis and prognosis of liver related disease, inflammatory disease and related conditions are disclosed. Also provided are kits and reagents for prognosis and diagnosis of liver related disease, inflammatory disease and related conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2004:69628 USPATFULL
TITLE: Microparticles of biodegradable polymer encapsulating a biologically active substance and sustained release pharmaceutical formulations containing same
INVENTOR(S): Vuaridel, Evelyne, Nyon, SWITZERLAND
Orsolini, Piero, Martigny, SWITZERLAND

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004052855	A1	20040318	
APPLICATION INFO.:	US 2003-250857	A1	20030707	(10)
	WO 2002-CH48		20020128	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 802
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel microparticles of biodegradable polymer encapsulating a water-soluble or water-insoluble biologically active substance, a method for preparing same and a burst free sustained release pharmaceutical formulation comprising those microparticles.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2003:99277 USPATFULL
TITLE: Induced phase transition method for the production of microparticles containing hydrophilic active agents
INVENTOR(S): Albayrak, Celal, Munich, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003068381	A1	20030410	
APPLICATION INFO.:	US 2001-28258	A1	20011219	(10)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-257527P	20001221	(60)
	US 2001-300021P	20010621	(60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: INHALE THERAPEUTIC SYSTEMS, INC, 150 INDUSTRIAL ROAD, SAN CARLOS, CA, 94070
NUMBER OF CLAIMS: 30
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)
LINE COUNT: 1883
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Microparticles and a method for their production is described. The process of the present invention provides a simple, quick, and efficient one-pot process for the production of microparticles containing a hydrophilic active agent of various and uniform morphologies, including microcapsules, microspheres, and microsponges. The microparticles are preferably used for pharmaceutical applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2002:336937 USPATFULL
TITLE: Induced phase transition method for the production of microparticles containing hydrophobic active agents
INVENTOR(S): Albayrak, Celal, Munich, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE

PATENT INFORMATION:	US 2002192294	A1	20021219
	US 6899898	B2	20050531
APPLICATION INFO.:	US 2001-27401	A1	20011219 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-257527P	20001221 (60)
	US 2001-300021P	20010621 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: INHALE THERAPEUTIC SYSTEMS, INC, 150 INDUSTRIAL ROAD, SAN CARLOS, CA, 94070
NUMBER OF CLAIMS: 42
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 1403
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Microparticles and a method for their production is described. The process of the present invention provides a simple, quick, and efficient one-pot process for the production of microparticles containing a non-water soluble active agent. The microparticles are preferably used for pharmaceutical applications and comprise at least 80 wt % microspheres.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2002:69618 USPATFULL
TITLE: Stereocomplex polymeric carriers for drug delivery
INVENTOR(S): Domb, Abraham J., Efrat, ISRAEL
Zehavi, Zeev, Kochav-Yair, ISRAEL
PATENT ASSIGNEE(S): Efrat Biopolymers Ltd., Efrat, ISRAEL (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6365173	B1	20020402
APPLICATION INFO.:	US 1999-231552		19990114 (9)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Page, Thurman K.
ASSISTANT EXAMINER: Sheikh, Humera N.
LEGAL REPRESENTATIVE: Holland & Knight LLP
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1033
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polymeric carrier for delivery of bioactive or bioreactive molecules is provided, including a stereocomplex of one or more biocompatible polymers and having incorporated on or within the complex the molecules to be delivered. In a preferred embodiment, the biocompatible stereoselective polymers are linear or branched D-PLA homo- and block-polymers, linear or branched L-PLA homo- and block-polymers, copolymers thereof, or mixtures thereof, in stereocomplexed form. In one preferred embodiment, the polymeric carrier is complexed with a complementary stereospecific bioactive molecule. In other embodiments, the bioactive, or bioreactive (for example, for use in diagnostic applications), is bound to the complex by ionic, hydrogen, or other non-covalent binding reactions not involving stereocomplexation, or is physically entrapped within the complex, either at the time of complex formation or when the polymeric material is formulated into particles,

tablets, or other form for pharmaceutical application. Exemplary bioactive molecules include peptides, proteins, nucleotides, oligonucleotides, sugars, carbohydrates, and other synthetic or natural organic molecules, as well as stereoselective drugs of a molecular weight of 300 daltons or higher. Examples demonstrate preparation of stereocomplexes, as well as their use for controlled and/or sustained release.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 19 USPATFULL on STN
ACCESSION NUMBER: 2002:26892 USPATFULL
TITLE: Proteins deposited onto sparingly soluble biocompatible particles for controlled protein release into a biological environment from a polymer matrix
INVENTOR(S): Shih, Chung, Sandy, UT, UNITED STATES
Zentner, Gaylen, Salt Lake City, UT, UNITED STATES
Piao, Ai-Zhi, Salt Lake City, UT, UNITED STATES
PATENT ASSIGNEE(S): MacroMed, Incorporated (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002015737	A1	20020207	
	US 6998137	B2	20060214	
APPLICATION INFO.:	US 2001-827100	A1	20010405	(9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-195700P	20000407 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THORPE NORTH WESTERN, 8180 SOUTH 700 EAST, SUITE 200, P.O. BOX 1219, SANDY, UT, 84070
NUMBER OF CLAIMS: 56
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Page(s)
LINE COUNT: 973
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions and methods for the modulated release of one or more proteins or peptides. The composition is comprised of a biocompatible polymeric matrix, a protein and/or peptide, and a sparingly water-soluble or essentially insoluble particle. The protein is deposited by adsorption or some other mechanism onto the sparingly water-soluble biocompatible particle wherein the protein-particle combination is dispersed within the polymeric matrix. The deposition of the protein onto the particle acts to modulate the release of the protein or peptide from dosage forms including long-acting dosage systems.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 19 USPATFULL on STN
ACCESSION NUMBER: 92:72215 USPATFULL
TITLE: Silicone-hardened pharmaceutical microcapsules
INVENTOR(S): Lawter, James R., Goshen, NY, United States
Lanzilotti, Michael G., Pearl River, NY, United States
PATENT ASSIGNEE(S): American Cyanamid Company, Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5143661		19920901	
APPLICATION INFO.:	US 1990-602414		19901022	(7)

DISCLAIMER DATE: 20080319
RELATED APPLN. INFO.: Continuation of Ser. No. US 1987-54372, filed on 26 May 1987, now patented, Pat. No. US 5000886
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Maples, John S.
ASSISTANT EXAMINER: Geist, Gary L.
LEGAL REPRESENTATIVE: Costigan, James V., Jackson, H. G.
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: 1
LINE COUNT: 562
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is disclosed a process for preparing compositions comprising microcapsules by phase separation microencapsulation wherein the hardening agent employed is a volatile silicone fluid and with the compositions prepared thereby. The use of the volatile silicone fluid as a hardening agent permits the production of microcapsules substantially free of any alkane hardening agent, eliminating potential combustability problems of the prior art processes and toxicity problems of the prior art compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 17 OF 19 USPATFULL on STN
ACCESSION NUMBER: 91:22400 USPATFULL
TITLE: Silicone-hardened pharmaceutical microcapsules and process of making the same
INVENTOR(S): Lawter, James R., Goshen, NY, United States
Lanzilotti, Michael G., Pearl River, NY, United States
PATENT ASSIGNEE(S): American Cyanamid Company, Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5000886		19910319	
APPLICATION INFO.:	US 1987-54372		19870526	(7)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Stoll, Robert L.
ASSISTANT EXAMINER: Geist, Gary L.
LEGAL REPRESENTATIVE: Jackson, H. G.
NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
LINE COUNT: 550
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is disclosed a process for preparing compositions comprising microcapsules by phase separation microencapsulation wherein the hardening agent employed is a volatile silicone fluid and with the compositions prepared thereby. The use of the volatile silicone fluid as a hardening agent permits the production of microcapsules substantially free of any alkane hardening agent, eliminating potential combustability problems of the prior art processes and toxicity problems of the prior art compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 19 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1994:26969 EPFULL
DATA UPDATE DATE: 19941214
DATA UPDATE WEEK: 199450
TITLE (ENGLISH): Methods for administering biological agents and microparticle compositions useful in these and other

	methods
TITLE (FRENCH):	Procedes pour l'administration d'agents biologiques et microparticules utilisables dans ces procedes et autrui
TITLE (GERMAN):	Verfahren zur Verabreichung biologischer Stoffe sowie Mikropartikeln zur Verwendung in diesen und weiteren Verfahren
INVENTOR(S):	Craft, Libbey Sue, 10325 Kiowa Drive, Indianapolis, Indiana 46236, US; Ferguson, Thomas Harry, 1810 East Main, Greenfield, Indiana 46140, US; Heiman, Mark Louis, 5740 Susan Drive East, Indianapolis, Indiana 46250, US; Thompson, William Webster, 5521 Overbrook Circle, Indianapolis, Indiana 46226-1542, US
PATENT APPLICANT(S):	ELI LILLY AND COMPANY, (LILLY AND COMPANY, ELI), Lilly Corporate Center, Indianapolis, Indiana 46285, US
PATENT APPL. NUMBER:	204942
AGENT:	Tapping, Kenneth George, et al, Lilly Industries Limited European Patent Operations Erl Wood Manor, Windlesham Surrey GU20 6PH, GB
AGENT NUMBER:	52302
DOCUMENT TYPE:	Patent
LANGUAGE OF FILING:	English
LANGUAGE OF PUBL.:	English
LANGUAGE OF PROCEDURE:	English
LANGUAGE OF TITLE:	German; English; French
PATENT INFO TYPE:	EPA2 Application published without search report
PATENT INFORMATION:	

NUMBER	KIND	DATE
EP 628307	A2	19941214

DESIGNATED STATES:	AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE
EXTENSION STATES:	SI
APPLICATION INFO.:	EP 1994-303655 A 19940523
PRIORITY INFO.:	US 1993-68413 A 19930527
	US 1993-168941 A 19931216

ABEN

A method for administering biological agents to eggs is disclosed which comprises providing the agents in a particulate carrier and injecting the carrier into the air cells of the eggs. The egg is preferably maintained in a vertical position with the air cell on top to facilitate migration of the particulate carrier between the inner and outer membranes which define the air cell, to the lower end of the egg. The particulate carrier releases the biological agent to the surrounding fluid and blood vessels. In addition, the carrier is embodied in the bird upon hatching from the egg, and therefore is available to continue to release the biological agent to the bird posthatch.

Also disclosed is a composition of polyester microparticles containing bioactive polypeptide agents and methods for preparing the composition and administering bioactive agents. The composition comprises biocompatible, biodegradable microparticles having a polyester matrix and from about 5% to about 25% by weight of a biologically active, water-soluble polypeptide dispersed throughout the matrix, the polypeptide selected fom the group consisting of growth hormone releasing factor, synthetic analogs of growth hormone releasing factor, and pharmacologically active fragments thereof. The method for preparing the composition includes dissolving polyester in an organic solvent; suspending a biologically active agent in the polyester solution; emulsifying the suspension into an aqueous medium in which the agent is insoluble and evaporating the solvent from the emulsion to produce microparticles. The method for administering a bioactive agent to an organism involves suspending the microparticles in a suitable liquid and injecting the organism.

ACCESSION NUMBER:	1988:6481 EPFULL
DATA UPDATE DATE:	19920102
DATA UPDATE WEEK:	199201
TITLE (ENGLISH):	Hardening agent for phase separation microencapsulation
TITLE (FRENCH):	Agent de durcissement pour la microencapsulation par separation de phases
TITLE (GERMAN):	Haertungsmittel fuer Phasentrennungsmikroverkapselung
INVENTOR(S):	Lawter, James Ronald, 35 Glen Drive, Goshen New York 10924, US; Lanzilotti, Michael Gerard, 12 Grove Street, Pearl River New York 10965, US
PATENT APPLICANT(S):	AMERICAN CYANAMID COMPANY, (CYANAMID COMPANY, AMERICAN), 1937 West Main Street P.O. Box 60, Stamford Connecticut 06904-0060, US
PATENT APPL. NUMBER:	212591
AGENT:	Waechtershaeuser, Guenter, Prof. Dr., Patentanwalt, Tal 29, 80331 Muenchen, DE
AGENT NUMBER:	12711
DOCUMENT TYPE:	Patent
LANGUAGE OF FILING:	English
LANGUAGE OF PUBL.:	English
LANGUAGE OF PROCEDURE:	English
LANGUAGE OF TITLE:	German; English; French
PATENT INFO TYPE:	EPB1 Granted patent

PATENT INFORMATION:

NUMBER	KIND	DATE
EP 292710	B1	19920102
DESIGNATED STATES:	AT BE CH DE ES FR GB GR IT LI NL SE	
APPLICATION INFO.:	EP 1988-106617 A	19880518
PRIORITY INFO.:	US 1987-54372 A	19870526
CITED PATENT LIT.:	FR 2166062 A	
	FR 2491351 A	

ABEN

There is disclosed a process for preparing compositions comprising microcapsules by phase separation microencapsulation wherein the hardening agent employed is a volatile silicone fluid and with the compositions prepared thereby. The use of the volatile silicone fluid as a hardening agent permits the production of microcapsules substantially free of any alkane hardening agent, eliminating potential combustability problems of the prior art processes and toxicity problems of the prior art compositions.